

AMENDMENT

Honorable Commissioner for Patents  
Washington, D. C. 20231

Sir:

In response to the Office Action mailed May 8, 2002, please amend the above-identified application as follows:

In the Specification:

Please replace the Cross Reference to Related Cases section beginning at page 1, line 11 with the following:

a' --This application is related to co-pending, commonly owned patent application Serial No. 09/696,524, filed October 23, 2000, entitled "Polymer-Polymer Bilayer Actuator", and co-pending, commonly owned patent application Serial No. 09/696,526, filed October 23, 2000, entitled "Non-Uniform Thickness Electroactive Device."--

In the Claims:

Please amend claims 1, and 8-9 as follows:

- a<sup>2</sup>
1. (Amended) An electroactively controlled membrane structure, comprising:  
a membrane whose position is to be controlled;  
a supporting base;  
at least one electroactive bending actuator affixed to the supporting base; and  
connection means corresponding to each of the at least one electroactive bending actuators for operatively and nonrigidly connecting the membrane to each of the at least one electroactive bending actuators;  
wherein displacement of the at least one electroactive bending actuator effects displacement of the membrane.